U. I. C. C.
APR 1 6 1979
LIBRARY

THE QUARTERLY JOURNAL OF EXPERIMENTAL PSYCHOLOGY

Volume 30 1978

Editor
N. J. Mackintosh

Associate Editors
O. J. Braddick
M. Coltheart
M. P. Haggard
L. Henderson
L. J. Herberg
S. Monsell
N. Moray
N. O'Connor
A. J. Sanford
L. H. Shaffer
M. H. Sheldon
N. S. Sutherland
P. C. Wason

PUBLISHED FOR THE EXPERIMENTAL PSYCHOLOGY SOCIETY BY ACADEMIC PRESS LONDON NEW YORK SAN FRANCISCO

Copyright © 1978 by The Experimental Psychology Society

ALL RIGHTS RESERVED

No part of this volume may be reproduced in any form, by photostat, microfilm, or any other means, without written permission from the publishers.

Printed in Great Britain by Heffers Printers Ltd, Cambridge

Volume 30

Number 1, February 1978

Corbett, A. T. and Wickelgren, W. A., Semantic memory retrieval: analysis by speed accuracy tradeoff functions 1

Routh, D. A. and Davison, M. J., A test of precategorical and attentional explanations of speech suffix interference 17

Hamilton, J. M. E. and Sanford, A. J., The symbolic distance effect for alphabetic order judgements: a subjective report and reaction time analysis 33

Allen, J. and Haggard, M., Backward masking and asymmetry of processing for vowels differing in acoustical similarity 43

Gilhooly, K. J. and Johnson, C. E., Effects of solution word attributes on anagram difficulty: a regression analysis.. 57

Hammond, N. and Barber, P., Evidence for abstract response codes: ear-hand correspondence effects in a three-choice reaction-time task .. 71

McLeod, P., Does probe RT measure central processing demand? .. 83

Hammond, N. V. and Gruzelier, J. H., Laterality, attention and rate effects in the auditory temporal discrimination of chronic schizophrenics: the effect of treatment with chlorpromazine 91

Wookey, P. E., Morris, R. C. and Kirby, R. M., Animal learning of independent and correlated events 105

Winefield, A. H., The effect of prior random reinforcement on brightness discrimination learning in rats 113

Seybert, J. A., Mays, M. Z., Littlejohn, R. L., Mellgren, R. L. and Haddad, N. F., Differential runway performance using goal box replacement and running trials as discriminative stimuli 121

Bradshaw, C. M., Szabadi, E. and Bevan, P., Behaviour of rats in multiple schedules of response-contingent and response-independent food presentation 133

Randich, A., Jacobs, W. J., LoLordo, V. M. and Sutterer, J. R., Conditioned suppression of DRL responding: effect of UCS intensity, schedule parameter, and schedule context 141

Einon, D. F. and Morgan, M. J., Early isolation produces enduring hyperactivity in the rat, but no effect upon spontaneous alternation .. 151

Stevens, R. and Goldstein, R., Effects of neonatal testosterone and progesterone on open-field behaviour in the rat 157

CLARKSON, J. K. and DEUTSCH, J. A., Pitch control in the human voice: a reply to Rostron 167

ROSTRON, A. B., What can you do with your larynx? A rejoinder to Clarkson and Deutsch 171

BOOK REVIEWS 175

PROCEEDINGS OF THE EXPERIMENTAL PSYCHOLOGY SOCIETY i

MEMBERS OF THE EXPERIMENTAL PSYCHOLOGY SOCIETY v

NUMBER 2, MAY 1978

MARTIN, M., Retention of attended and unattended auditorily and visually presented material 187

ROUTH, D. A. and FROSDICK, R. M., The basis and implications of the restoration of a recency effect in immediate serial recall 201

OKADA, R. and BURROWS, D., The effects of subsidiary tasks on memory retrieval from long and short lists 221

PENNEY, C. G., Suffix effects in lists of temporally grouped words .. 235

MCFARLAND, C. E. Jr., DUNCAN, E. M. and KELLAS, G., Isolating the typicality effect in semantic memory 251

GAFFAN, D., Measurement of trace strength in memory for pictures .. 263

DEUTSCH, D., Interference in pitch memory as a function of ear of input 283

FORSTER, P. M. and GOVIER, E., Discrimination without awareness? .. 289

MEYERS, L. S. and RHOADES, R. W., Visual search of common scenes .. 297

BAIRSTOW, P. J. and LASZLO, J. I., Perception of movement patterns. Recognition from visual arrays of distorted patterns 311

RABBITT, P., CUMMING, G. and VYAS, S., Some errors of perceptual analysis in visual search can be detected and corrected 319

SHAFFER, L. H., Timing in the motor programming of typing 333

HUPPERT, F. A. and PIERCY, M., The role of trace strength in recency and frequency judgements by amnesic and control subjects 346

BENCH, J. and MENTZ, L., Neonatal auditory habituation and state change .. 355

HALL, G., Extradimensional shift learning in pigeons: positive and negative transfer produced by prior discrimination training 363

LOWE, C. F., HARZEM, P. and HUGHES, S., Determinants of operant behaviour in humans: some differences from animals 373

MONK, A., SPAVEN, D. and THOMSON, N., Apparatus note: conducting experiments with pencils 387

BOOK REVIEWS 389

NUMBER 3, AUGUST 1978

MYNATT, C. R., DOHERTY, M. E. and TWENEY, R. D., Consequences of confirmation and disconfirmation in a simulated research environment 395

RABBITT, P., Hand dominance, attention, and the choice between responses 407

FLETCHER, B. (C) and RABBITT, P. M. A., The changing pattern of perceptual analytic strategies and response selection with practice in a two-choice reaction time task 417

DUNCAN, J., Response selection in spatial choice reaction: further evidence against associative models 429

MCLEAN, J. P. and SHULMAN, G. L., On the construction and maintenance of expectancies 441

SEYMOUR, P. H. K. and JACK, M. V., Effects of visual familiarity on "same" and "different" decision processes 455

RICHARDSON, J. T. E., Mental imagery and the distinction between primary and secondary memory 471

YIK, W. F., The effect of visual and acoustic similarity on short-term memory for Chinese words 487

HARRIS, M., Noun animacy and the passive voice: a developmental approach 495

MOULDEN, B. and MATHER, G., In defence of a ratio model for movement detection at threshold 505

LEA, S. E. G. and HARRISON, S. N., Discrimination of polymorphous stimulus sets by pigeons 521

HALL, G. and PEARCE, J. M., Transfer of learning across reinforcers: appetitive discrimination learning between stimuli previously associated with shock 539

MANNING, S. K., More on the measurement of spontaneous alternation .. 551

MOLLON, J. D. and POLDEN, P. G., On the time constants of tachistoscopes 555

ELLIS, A. W. and MARSHALL, J. C., Semantic errors or statistical flukes? a note on Allport's "On knowing the meaning of words we are unable to report" 569

BOOK REVIEWS 577

Number 4, November 1978

Patterson, K. E., Phonemic dyslexia: errors of meaning and the meaning or errors 587

Mitchell, D. C. and Green, D. W., The effects of context and content of immediate processing in reading 608

Foster, D. H., Visual comparison of random-dot patterns: evidence concerning a fixed visual association between features and feature-relations 637

Hampson, P. J. and Morris, P. E., Some properties of the visual imagery system investigated through backward spelling 655

Walker, P., Short-term visual memory: the importance of the spatial temporal separation of successive stimuli 665

McNicol, D., Initial codes for order in memory 681

Salame, P. and Wittersheim, G., Selective noise disturbance of the information input in short-term memory 693

Roberge, J. J., Linguistic and psychometric factors in propositional reasoning 705

Winefield, A. H. and Tiggemann, M., The effects of uncontrollable and unpredictable events on anagram solving 717

Tiggemann, M. and Winefield, A. H., Situation similarity and the generalization of learned helplessness 725

Odling-Smee, F. J., The over-shadowing of background stimuli: some effects of varying amounts of training and UCS intensity 737

Viney, W., Johnson, N. and Jacobson, L., Effect of effort and latent extinction on resistance to extinction 747

Drewett, R. F., Gastric and plasma volume in the control of milk intake in suckling rats 755

Book Reviews 765

Author Index

ALLEN, J., with HAGGARD, M. 43
BAIRSTOW, P. J., with LASZLO, J. I. 311
BENCH, J., with MENTZ, L. 355
BRADSHAW, C. M., with SZABADI, E. and BEVAN, P. 133
CLARKSON, J. K., with DEUTSCH, J. A. 167
CORBET, A. T., with WICKELGREN, W. A. 1
DEUTSCH, D. 283
DREWETT, R. F. 755
DUNCAN, J. 429
EINON, D. F., with MORGAN, M. J. 151
ELLIS, A. W., with MARSHALL, J. C. 569
FORSTER, P. M., with GOVIER, E. 289
FOSTER, D. H. 637
FLETCHER, B. (C), with RABBITT, P. M. A. 417
GAFFAN, D. 263
GILHOOLY, K. J., with JOHNSON, C. E. 57
HALL, G. 363
HALL, G. with PEARCE, J. M. 539
HAMILTON, J. M. E., with SANFORD, A. J. 33
HAMMOND, N., with BARBER, P. 71
HAMMOND, N. V., with GRUZELIER, J. H. 91
HAMPSON, P. J., with MORRIS, P. E. 655
HARRIS, M. 495
HUPPERT, F. A., with PIERCY, M. 346
LEA, S. E. G., with HARRISON, S. N. 521
LOWE, C. F., with HARZEH, P. and HUGHES, S. 373
MANNING, S. K. 551
MARTIN, M. 187
MCFARLAND, C. E. Jr., with DUNCAN, E. M. and KELLAS, G. . . . 251
MCLEAN, J. P., with SHULMAN, G. L. 441
MCLEOD, P. 83
MCNICOL, D. 681
MEYERS, L. S., with RHOADES, R. W. 297

Mitchell, D. C., with Green, D. W. 608
Mollon, J. D., with Polden, P. G. 555
Monk, A., with Spaven, D. and Thomson, N. 387
Moulden, B., with Mather, G. 505
Mynatt, C. R., with Doherty, M. E. and Tweney, R. D. . . . 395
Odling-Smee, F. J. 737
Okada, R., with Burrows, D. 221
Patterson, K. E. 587
Penney, C. G. 235
Rabbitt, P. 407
Rabbitt, P., with Cumming, G. and Vyas, S. 319
Randich, A., with Jacobs, W. J., Lolordo, V. M. and Sutterer, J. R. . 141
Richardson, J. T. E. 471
Roberge, J. J.. 705
Rostron, A. B. 171
Routh, D. A., with Davison, M. J. 17
Routh, D. A., with Frosdick, R. M.. 201
Salame, P., with Wittersheim, G. 693
Seybert, J. A., with Mays, M. Z., Littlejohn, R. L., Mellgren, R. L. and Haddad, N. F. 121
Seymour, P. H. K., with Jack, M. V. 455
Shaffer, L. H. 333
Stevens, R., with Goldstein, R. 157
Tiggemann, M., with Winefield, A. H. 725
Viney, W., with Johnson, N. and Jacobson, L. 747
Walker, P. 665
Winefield, A. H. 113
Winefield, A. H., with Tiggemann, M. 717
Wookey, P. E., with Morris, R. C. and Kirby, R. M. . . . 105
Yik, W. F. 487